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FAX TRANSMISSION COVER SHEET  
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Date: July 16, 2003

To: Examiner John D. Lee 703 746-4754

Subject: Serial No.09/575,522, our Docket 12,103

6 pages (includes the cover sheet)

COMMENTS: Attached are proposed amended claims 1 and 26 for  
telephone interview discussion. Please call.

Respectfully,

  
William W. Haeffliger

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*We  
talked  
07/30/03  
amend.  
to come  
JBL*

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Art Unit 2874Examiner: John D. Lee

Applicant:

John M. Savage, Jr.

Serial No:

09/575,522

Filed:

May 23, 2000

For:

LENS UNIT AND FIBER OPTIC  
CABLE ASSEMBLY-----  
Pasadena, California

Assistant Commissioner for Patents

Alexandria, VA 22313-1450

R E M A R K S

Sirs:

Applicant wishes to thank Examiner for his  
courtesy in granting the recent interview, at which time the  
claims as above amended <sup>were</sup> ~~are~~ discussed.

Base claim 1 now includes contents of claims 4, 5,  
6 and 7 now cancelled. Also, claim 1 now includes:

"and including said mounting board, the  
entirety of the LED spaced away from the  
mounting board.--

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Base claim 26 includes contents of claim 36, now cancelled; and claim 26 also includes:

"there being a receiver carrying the LED and a support board carrying the receiver, the entirety of the LED spaced away from the support board".

No cited art suggest the totality of claim 1 as amended, or the totality of claim 26 as amended, whereby claims 1 and 26, and all remaining dependent claims are believed and urged to be allowable.

In this regard, claims 1, 4, 5, 6 and 7 (now in claim 1) were rejected on Savage '176; however, Fig. 24 of Savage shows LED terminal 11e' projecting downwardly through the circuit board 19; whereas, claims 1 and 26 now state that the entirety of the LED is spaced away from the circuit board. This configuration allows for "surface mounting" of the LED, for ease of assembly, as distinguished from mounting the LED via a through hole in the board. No cited art suggests this in the totality of base claim 1 or the totality of base claim 26.

U.S. Patent 6,302,595 to Vilgiate requires an LED terminal to penetrate through a circuit board (see Fig. 14).

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U.S. Patent 6,264,376 to Savage shows the LED 15 engaging the circuit board, and no receiver;

U.S. Patents 5,818,995 and 5,548,676 and 5,440,658 to Savage shows LED terminals penetrating through the circuit board;

U.S. Patents 5,368,503 and 5,466,174 to Savage do not show a receiver for an LED mounted to a circuit board; and U.S. Patents 4,718,744 and 6,256,445 are similarly deficient.

In addition, U.S. patents 6,302,595; 5,368,503; and 6,264,376 lack suggestion of light collimating structure.

In view of the claim amendment, including the base claim amendment, the above argument and the interview, withdrawal of the rejection and allowance are respectfully solicited.

Respectfully submitted,

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WWR:hk  
Docket 12,103